

APPROVED SCHEDULE - B

EE/BTP/BBMP/E-PMT/16/2017-18, Date:19.01.2018

Package-3, includes 4 works of Rs. 249.00 lakhs

No.	Approved Qty.	Description	Unit	Approved Tender Rates of	
				B B Umesha	
				In Figures	In Words
1	2355.67	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 142 / Item No. 19.1, PWD SR 2016-17	Cum	200	Rupees Two Hundred Only
2	88.70	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS Page No. 5 / Item No. 2.15 of PWD SR 2016-17	Cum	2500	Rupees Two Thousand Five Hundred Only
3	311.39	KSRB 4-1.2 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No. 12/I.No. 4.2 of CSR 2016-17)	Cum	6000	Rupees Six Thousand Only
4	207.63	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.6, PWD SR 2016-17	Cum	5000	Rupees Five Thousand Only
5	44.82	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.6, PWD SR 2016-17 (With 8 % area Weightage)	Cum	5109	Rupees Five Thousand One Hundred Nine Only
6	94.77	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.9, PWD SR 2016-17	Cum	5994	Rupees Five Thousand Nine Hundred Ninety Four Only
7	33.62	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 Page No. 23 / Item No. 5.9, PWD SR 2016-17 (With 8 % area Weightage)	Cum	6108	Rupees Six Thousand One Hundred Eight Only
8	421.20	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications Page No. 113 / Item No. 15.3, PWD SR 2016-17	Sqm	117	Rupees One Hundred Seventeen Only
9	31.91	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.12, Item No. 4.6 PWD SR 2016-17	Cum	6517	Rupees Six Thousand Five Hundred Seventeen Only


Signature of the contractor


Executive Engineer


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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B B Umesha	
				In Figures	In Words
	386.40	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineerin - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) Page No. 262 / Item No. 37.2, PWD SR 2016-17	Mtr	981	Rupees Nine Hundred Eighty One Only
11	1092.00	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. Page No. 262 / Item No. 37.4, PWD SR 2016-17	Cum	388	Rupees Three Hundred Eighty Eight Only
12	655.20	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint Page No. 262 / Item No. 37.3, PWD SR 2016-17	Sqm	789	Rupees Seven Hundred Eighty Nine Only
13	25.56	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 guage M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc., complete as per specification. Page. No. 43 / Item. No. 7.37 PWD SR 2016-17	Sqm	3514	Rupees Three Thousand Five Hundred Fourteen Only
14	2071.00	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc., complete Page No. 25 / Item No. 5.30 PWD SR 2016-17	Nos	374	Rupees Three Hundred Seventy Four Only
15	353.80	KSRRB M2100-9. Sand Filling in Foundation Trenches as per Drawing & Technical Specification MORTH Specification No. 304 Item No. 27.17 Page No. 217, PWD SR 2016-17	Cum	3302	Rupees Three Thousand Three Hundred Two Only
16	1691.00	KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. (P.No. 101, I.No. 14.6 of CSR 2016-17)	Sqm	1092	Rupees One Thousand Ninety Two Only
17	319.20	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. Page No. 122 / Item No. Item No. 15.80, PWD SR 2016-17	Sqm	31	Rupees Thirty One Only

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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of	
				B B Umesha	
				In Figures	In Words
18	319.20	KSRB 15-19.2 : Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. Page No. 122 / Item No. 15.81, PWD SR 2016-17	Sqm	79	Rupees Seventy Nine Only
19	3.42	KSRRB M200-12.3. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above. MORTH Specification No. 202 Page No. 137 / Item No. 18.19, PWD SR 2016-17	Cum	1224	Rupees One Thousand Two Hundred Twenty Four Only
20	14.49	KSRRB M200-14.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling brick/Tile work B. In cement mortar. MORTH Specification No. 202 Page No. 137 / Item No. 18.23, PWD SR 2016-17	Cum	292	Rupees Two Hundred Ninety Two Only
21	115.99	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Page No. 18, Item No. 4.48, PWD SR 2016-17	Cum	7000	Rupees Seven Thousand Only
22	66.05	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M 20 for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, for raft foundation column footing , main and secondary beams with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Page No. 18, Item No. 4.48, PWD SR 2016-17 (with 8% area Weightage)	Cum	7174	Rupees Seven Thousand One Hundred Seventy Four Only
23	18.57	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 Page No. 17 / Item No. 4.46.2, PWD SR 2016-17	Tonne	72595	Rupees Seventy Two Thousand Five Hundred Ninety Five Only
24	6.60	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 Page No. 17 / Item No. 4.46.2, PWD SR 2016-17 (with 8% area weightage)	Tonne	73964	Rupees Seventy Three Thousand Nine Hundred Sixty Four Only
25	2387.77	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No. 15 / Item No. 4.31 PWD SR 2016-17	Sqm	350	Rupees Three Hundred Fifty Only


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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of	
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				In Figures	In Words
26	552.38	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 Page No. 15 / Item No. 4.31 PWD SR 2016-17 (with 8% area weightage)	Sqm	357	Rupees Three Hundred Fifty Seven Only
27	258.90	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m ³ and having a minimum average compressive strength 4.00 N/mm ² conforming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 Page No. 25 / Item No. 5.26.2, PWD SR 2016-17	Sqm	1000	Rupees One Thousand Only
28	393.80	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not less than 1800 kg/m ³ and having a minimum average compressive strength 4.00 N/mm ² conforming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 Page No. 25 / Item No. 5.26.2, PWD SR 2016-17 (With 8 % area weightage)	Sqm	1100	Rupees One Thousand One Hundred Only
29	517.80	KSRB15-3.9 :Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114 / Item No. 15.17, PWD SR 2016-17 (Outside Wall)	Sqm	237	Rupees Two Hundred Thirty Seven Only
30	331.73	KSRB15-3.9 :Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114 / Item No. 15.17, PWD SR 2016-17 (Outside Wall) (With 8 % area weightage)	Sqm	241	Rupees Two Hundred Forty One Only
31	517.80	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. Page No. 117 / Item No. 15.53.2, SR 2016-17.	Sqm	100	Rupees One Hundred Only
32	1305.86	Removing and refixing stone slabs of drains and pointing in CM (1:3) Page No. 25 / Item No. 5.33 PWD SR 2016-17	Sqm	91	Rupees Ninety One Only
33	230.45	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc., complete Page No. 25 / Item No. 5.31.1 PWD SR 2016-17	Sqm	700	Rupees Seven Hundred Only
34	277.97	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggretes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillers, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 Page No. 12, Item No. 4.11, PWD SR 2016-17	Cum	7000	Rupees Seven Thousand Only
35	21.60	Providing precast slab of 250 mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge- Data rate	Sqm	5791	Rupees Five Thousand Seven Hundred Ninety One Only
36	810.00	Providing precast slab of 100 mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge- Data rate	Sqm	2057	Rupees Two Thousand Fifty Seven Only


Signature of the contractor


Executive Engineer


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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of	
				B B Umesha	
				In Figures	In Words
	287.73	KSRRB M400- Wet Mix Macadam KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 Page No. 158 / Item No. 20.18, PWD SR 2016-17	Cum	1997	Rupees One Thousand Nine Hundred Ninety Seven Only
38	6493.10	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 Page No. 161 / Item No. 21.7m PWD SR 2016-17	Sqm	13	Rupees Thirteen Only
39	259.72	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen Page No. 165 / Item No. 21.22.6, PWD SR 2016-17	Cum	8000	Rupees Eight Thousand Only
40	210.40	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803 Page No. 184, Item No. 24.15 PWD SR 2016-17	Sqm	613	Rupees Six Hundred Thirteen Only
41	272.90	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 Page No. 5 / Item No. 2.3 of PWD SR 2016-17	Cum	230	Rupees Two Hundred Thirty Only
42	69.68	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. Page No.12, Item No. 4.3 of PWD SR 2016-17	Cum	5900	Rupees Five Thousand Nine Hundred Only
43	272.90	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, Page No. 6 / Item No. 2.10 / PWD SR 2016-17	Cum	154	Rupees One Hundred Fifty Four Only
44	181.80	KSRB 15.1.2 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications Page No. 113 / Item No. 15.2, PWD SR 2016-17	Sqm	115	Rupees One Hundred Fifteen Only
45	98.10	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114, Item No. 15.21 of PWD SR 2016-17	Sqm	235	Rupees Two Hundred Thirty Five Only


Signature of the contractor


Executive Engineer


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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of	
				B B Umesha	
				In Figures	In Words
46	131.49	KSRB15-3.12 :Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114, Item No. 15.21 of PWD SR 2016-17 (Inside Plastering)	Sqm	253	Rupees Two Hundred Fifty Three Only
47	229.59	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. Page No. 115, Item No. 15.33, PWD SR 2016-17	Sqm	30	Rupees Thirty Only
48	361.08	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. Page No. 117 / Item No. 15.49.1, PWD SR 2016-17	Sqm	86	Rupees Eighty Six Only
49	331.73	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. Page No. 117 / Item No. 15.53.2, SR 2016-17.	Sqm	102	Rupees One Hundred Two Only
50	98.10	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick. Page No.106, Item No. 14.36.2, PWD SR 2016-17	Sqm	1400	Rupees One Thousand Four Hundred Only
51	21.60	KSRB 7.1 : Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications. size of gate 2.4mx1.4m. Specification No. KBS 7.7 / 7.12 Page No. 30, Item No. 7.1, PWD SR 2016-17	Sqm	4850	Rupees Four Thousand Eight Hundred Fifty Only
52	501.75	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 15x15 cms 6mm thick	Sqm	1270	Rupees One Thousand Two Hundred Seventy Only
53	63.00	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size Page No. 56, Item No. 9.84, PWD SR 2016-17	Sqm	641	Rupees Six Hundred Forty One Only
54	63.00	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges. Page No. 56, Item No. 9.83, PWD SR 2016-17	Sqm	3850	Rupees Three Thousand Eight Hundred Fifty Only

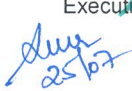

Signature of the contractor


Executive Engineer


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Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of	
				B B Umesha	
				In Figures	In Words
55	10.80	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as	Sqm	4308	Rupees Four Thousand Three Hundred Eight Only
56	250.00	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. (P.No.96, I.No. 13.86.2 of PWD SR 2016-17)	Mtr	256	Rupees Two Hundred Fifty Six Only
57	250.00	Providing and fixing Chlorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spat & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes (P.No.96, I.No. 13.86.3 of PWD SR 2016-17)	Mtr	305	Rupees Three Hundred Five Only
58	25.00	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 12.5cms x 7.5cms Page No. 88, Item No. 12.113.2, PWD SR 2016-17	Each	347	Rupees Three Hundred Forty Seven Only
59	25.00	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 88, I.No. 12.111 of PWD SR 2016-17)	Each	195	Rupees One Hundred Ninety Five Only
60	50.00	KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. (P.No.91/ I.No. 13.34 of CSR 2016-17)	Each	732	Rupees Seven Hundred Thirty Two Only
61	50.00	KSRB13-8.5 : Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 140mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 Page No. 93,Item No. 13.70.6, PWD SR 2016-17	Mtr	649	Rupees Six Hundred Forty Nine Only
62	40.00	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS (P.No. 73/ I.No.11.50 of PWD SR 2016-17)	Nos	8500	Rupees Eight Thousand Five Hundred Only

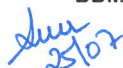

Signature of the contractor


Executive Engineer


Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of B B Umesha	
				In Figures	In Words
62	20.00	KSRB 11-11.8 : Providing and fixing white vitreous china clay, surgeon type wash basin size 660x460mm with a pair of 15mm C.P brass pillar taps with pair of elbow operated levers, C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. KBS 11 Page No. 81, Item No. 12.30, PWD SR 2016-17	Unit	5588	Rupees Five Thousand Five Hundred Eighty Eight Only
64	40.00	KSRB13-6.1-3 : Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3. (P.No.91/ I.No. 13.25 of CSR 2016-17)	Each	335	Rupees Three Hundred Thirty Five Only
65	16.00	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.2 of PWD SR 2016-17)	Each	5291	Rupees Five Thousand Two Hundred Ninety One Only
66	10.00	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22 Page No. 94, Item No. 13.78, PWD SR 2016-17	Nos	10333	Rupees Ten Thousand Three Hundred Thirty Three Only
67	10.00	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No.82, I.No. 12.41 of PWD SR 2016-17)	Unit	1440	Rupees One Thousand Four Hundred Forty Only


Signature of the Contractor


Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92


25/07


Signature of the contractor